Defense Acquisition University

Defense Acquisition University Knowledge Management Overview eGov KM Conference April 2008

Supporting the Defense Acquisition Workforce through Knowledge Management

The Challenge/Opportunity/DoD-DAU's Mission:

Supporting the Acquisition Workforce to Deliver Timely and Affordable Capabilities to the Warfighter

The Defense Acquisition Workforce:

126,000 Government and Military Certified Professionals

and

500,000 Contractor Support Personnel

Integrated Defense Acquisition, Technology, & Logistics Life Cycle Management Framework

Draft ver. 4.7. May 21, 2004

Three DOD Decision Support Systems Effective Interaction is Essential

The Milestone Decision Authority may authorize entry into the acquisition process at any point, consistent with phase specific entrance criteria and statutory requirements

This chart is a classroom aid for Defense Acquisition University students. It provides a notional illustration of the interfaces among the three major decision support systems used to develop, produce, and field a system for national defense. Defense acquisition is a complex process, with many more activities than shown here, and many concurrent processes that cannot be properly displayed on a two-dimensional chart. Supporting information is on the back of this chart. For more detailed information see the Acquisition, Technology & Logistics Knowledge Sharing System (http://akss.dau.mil).

Concept Refinement Phase — Refine initial concept. Develop Technology Development Strategy

Technology Development Phase — Reduce technology risk and determine appropriate set of technologies to integrate into a full system.

System Development & Demonstration Phase — Develop a system or increment of capability; reduce integration and manufacturing risk; ensure operational supportability; reduce logistics footprint; implement human systems integration; design for producibility; ensure affordability and protection of critical program information; and demonstrate system integration, interoperability, safety, and utility.

Production & Deployment Phase — Achieve operational capability that satisfies mission needs.

Operations & Support Phase — Execute a support program that meets operational support performance requirements and sustains the system in the most cost-effective manner over its total life cycle. Dispose of the system in the most cost-effective manner at the end of its useful life.

MS A | MS B | DRR | MS C | FRP DR

Decision Points/Milestones: CD | ICD | Draft CDD | CDD | CPD

Low-Rate Initial Production | Full-Rate Production/Deployment | Sustainment | Disposal

IOC | FOC

Validated and approved CDD and CPD for each increment of an evolutionary acquisition

Joint Capabilities Integration & Development System (need driven)

Initiate Evolutionary Acquisition Strategy

Evolutionary Acquisition Strategy

Increment II | Increment III

Oversight & Review

Contracting

Major Products

Logistics/Technical — Systems Engineering, Test & Evaluation, Supportability

The Challenge

DoD's Big "A"cquisition Systems and Processes

Cost $ — Cost Estimation Methods: Analogy | Parametric | Engineering | Actual Costs

Types of Funds: RDT&E – Advanced Technology Development | RDT&E – Adv Component Dev & Prototypes | RDT&E – Systems Development & Demonstration | RDT&E – Management & Support | Procurement | Operations & Maintenance

Appropriated Funds To Support Contracts

Planning, Programming, Budgeting, & Execution Process (biennial calendar driven)

On Year | Off Year

Military Departments & Defense Agencies | OSD & Joint Staff | White House

POM/Budget Formulation — PCP/BCP Prep (August)

POM/Budget Submit — PCP/BCP Submit (September - November)

SLRG Reviews | PDM(s) | ISSUES

Strategic Planning Guidance — Off Year Optional (October)

Joint Programming Guidance — Off Year Optional (April / May)

Joint Planning Document | National Military Strategy | National Security Strategy

Fiscal Guidance | FYDP updated

PBD Cycle (October - November) | Final PBDs (November) | MBI (December) | DoD Budget (January)

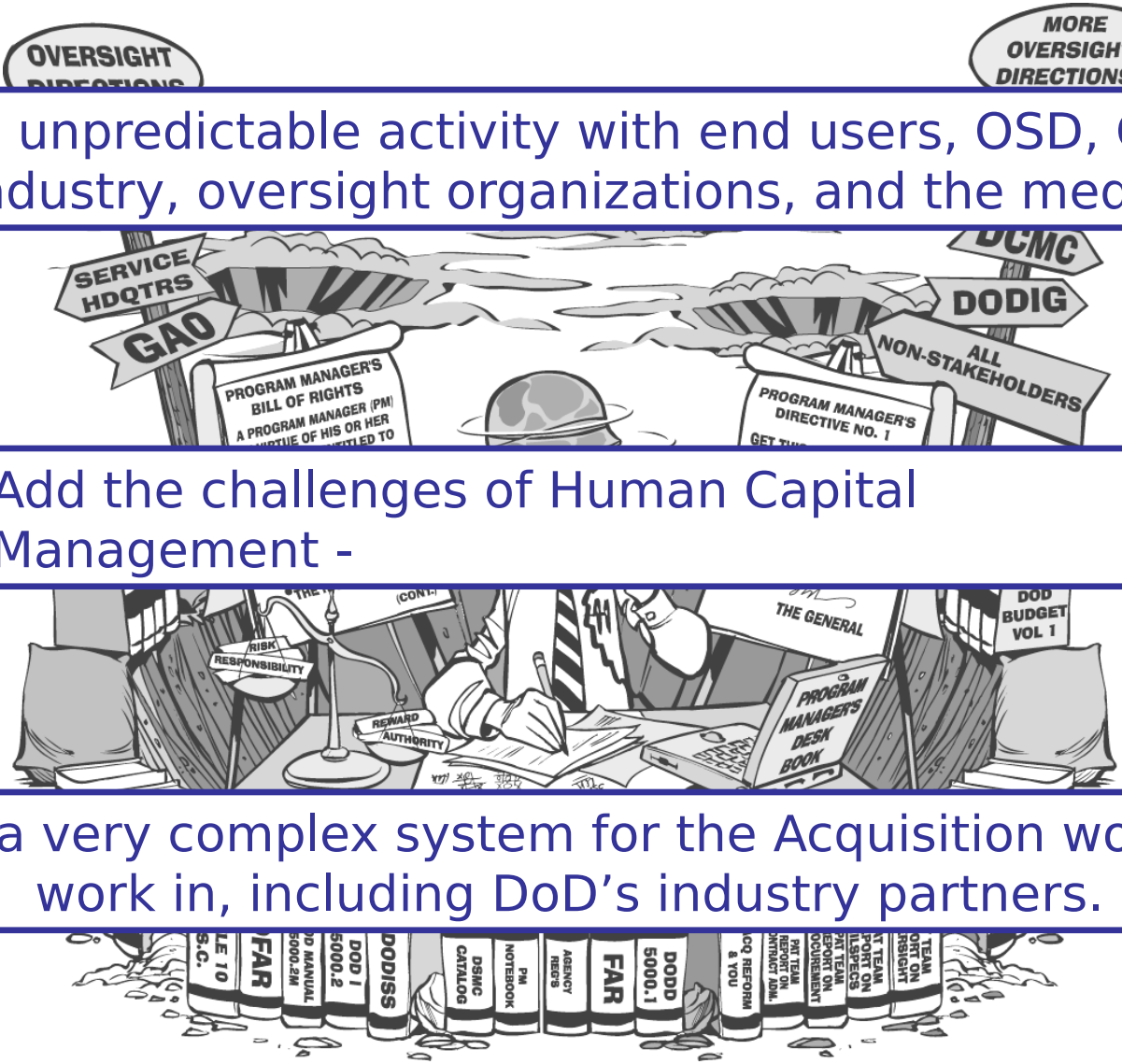
OMB | President's Budget to Congress (February (1st Monday))

DoD Testimony | DoD Appeals | Allocatio | Apportionment

Congress: Budget Committees | Authorization Committees | Appropriation Committees | Authorization/Appropriation Acts Passed (February - September)

The Acquisition Warrior

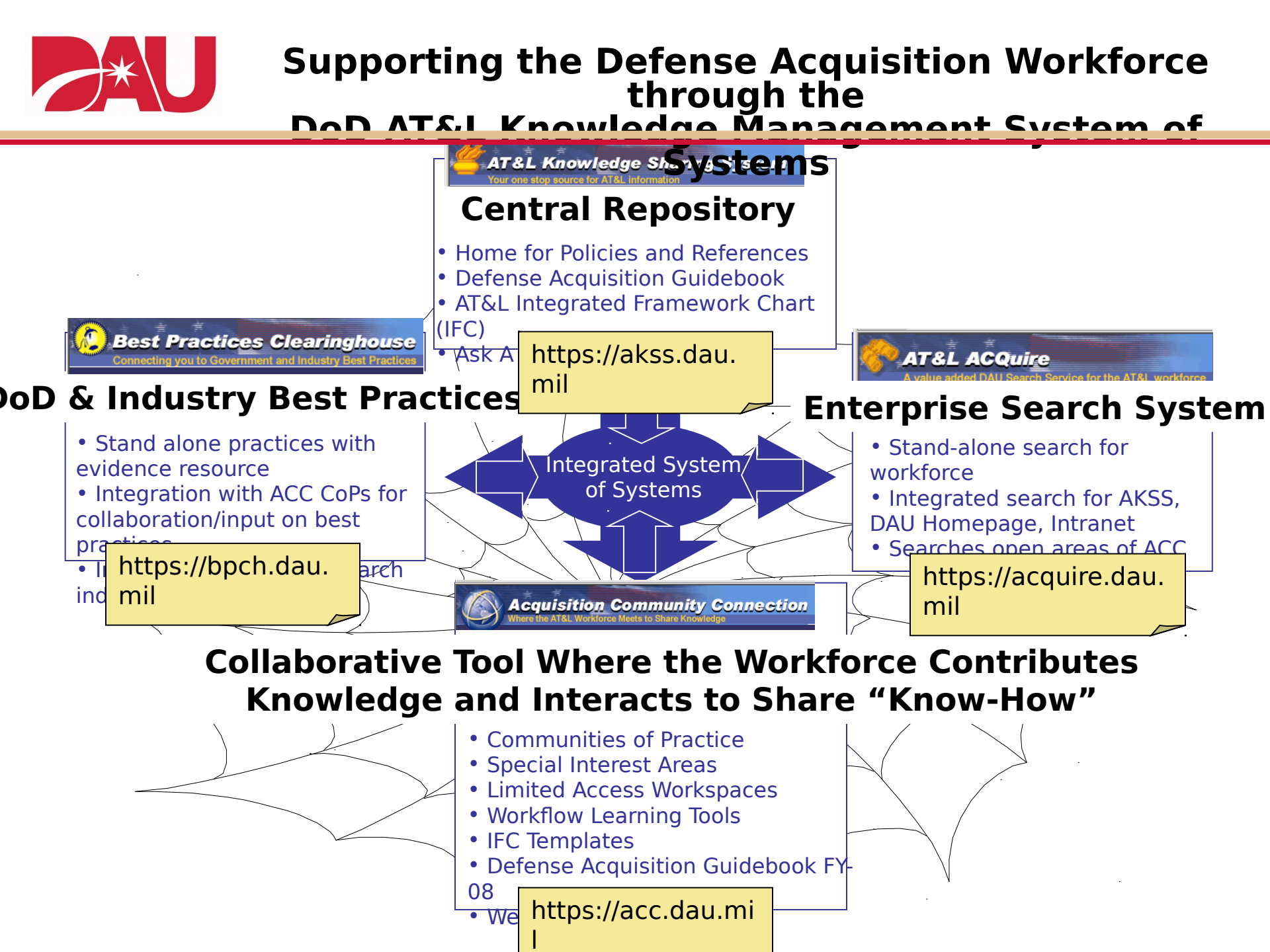
Add the unpredictable activity with end users, OSD, Congress, industry, oversight organizations, and the media -



Add the challenges of Human Capital Management -

You get a very complex system for the Acquisition workforce to work in, including DoD's industry partners.

Supporting the Defense Acquisition Workforce through the DoD AT&L Knowledge Management System of Systems


AT&L Knowledge Sharing System
Your one stop source for AT&L information
Central Repository
• Home for Policies and References
• Defense Acquisition Guidebook
• AT&L Integrated Framework Chart (IFC)
• Ask A
https://akss.dau.mil
Best Practices Clearinghouse
Connecting you to Government and Industry Best Practices
DoD & Industry Best Practices
• Stand alone practices with evidence resource
• Integration with ACC CoPs for collaboration/input on best pra
• I arch ind
https://bpch.dau.mil
Integrated System of Systems
AT&L ACQuire
A value added DAU Search Service for the AT&L workforce
Enterprise Search System
• Stand-alone search for workforce
• Integrated search for AKSS, DAU Homepage, Intranet
• Searches open areas of ACC
https://acquire.dau.mil
Acquisition Community Connection
Where the AT&L Workforce Meets to Share Knowledge
Collaborative Tool Where the Workforce Contributes Knowledge and Interacts to Share "Know-How"
• Communities of Practice
• Special Interest Areas
• Limited Access Workspaces
• Workflow Learning Tools
• IFC Templates
• Defense Acquisition Guidebook FY-08
• We
https://acc.dau.mil

What's In The Future?

- Developing an Acquisition Encyclopedia (ACQuipedia) based on Wikipedia "approach". (Launch Oct 08)
  - Starting with all DAU faculty as contributors/editors
  - Moving to appropriate CoP members
- Investigating the power of "social networking" and Web 2.0 tools in all AKMS systems.
  - Web 2.0 CoP tool (Tomoye's Ecco 2.0) Upgrading Summer 08
  - Pilot effort with DARPA on iLink similar to Army

What's In The Future?

- **Converting the AKSS to the Defense Acquisition Portal (DAP) using MOSS2007, and developing an Acquisition Services Registry for export of Services to Service/Agency/Industry Portals. (Launch March 09)**

- **Developing a DAU Learning Assets Portal Service - providing classroom materials, DL courses/modules, videos, podcasts, and webcasts. Provides "reachback" to continuously updated assets. Service available March 09 with DAP. DL and CL modules available now**

What's In The Future?

- **Building Performance and Learning Tools inside the CoP tool – Leveraging ALL DoD/DAU assets. Starting in FY09/Continuous**

- **Advanced search and discovery "engine", including video search. Initial options study completed by CSC. Follow-on detailed study and demonstrations to start May 08. (AKMS incorporation Mar 09 with DAP)**

That’s all from us.

Questions?